PATIENT INFORMATION MANAGEMENT SYSTEM (PIMS)

D O C U M E N T A T I O N

[**WATERFALL**](https://docs.google.com/document/d/1trNxUrs1OnhRL9lKuAos4N-g-Yu_tHxRmmikoQIynSU/edit#heading=h.gjdgxs) **DESIGN STEPS ( NOT ADHERED CLOSELY TO IN THIS PROJECT DUE TO CONTINUOUS ADDITIONS AND CREEP )**

A. Initiation phase

( scope ).............................................................................................................................................................not documented.

B. Requirements gathering phase.

( what is needed and is it feasible use case documentation )...........................................................................not documented.

C. Design ARCHITECTURE phase

( napkins to paper wireframing tools such as...balsamic with ERDS and use case diagrams etc. etc. )..........not documented.

ARCHITECTURE COMPOSITION

1st tier : MYSQL Database(free, robust)(models) )

2nd tier: Java 1.8 JEE (35 + years open source and free enterprise, choice of free IDEs)(controls)

3rd tier: JSP's with java script ,html and css ( easier to code more freedom and less regimented than JSF)

**D .** [**Dev. Environment Set Up…**](https://docs.google.com/document/d/1trNxUrs1OnhRL9lKuAos4N-g-Yu_tHxRmmikoQIynSU/edit#heading=h.bujgqn911ypk)

**E.** [**Create a new Database in MySQL**](https://docs.google.com/document/d/1a2LmZXNZHlsGEt24PWWqytXfrJrLbSRNiWpGlxYGPrc/edit)

**F.** [**Implementation**](https://docs.google.com/document/d/1KXz1H6rOjCs72A0XKSwO5brttbfgIcAPXAjs5DT2KZM/edit)

**G. AWS Production Env. Setup**

**H. Publishing**

**I.** [**JUnit Testing**](https://docs.google.com/document/d/1IQgUPGLuk1d0M2eP8PhOv43e2pYB62T23K3E2ttmBoM/edit)(unit... Junit, performance testing, regression testing )

**J. Post implementation** slash support \*(Agile breaks the M.V.C . into its 3 parts and essentially just cycles between steps C.D.E. in a regimented managed fashion)